



Starliner[®]

Updated 06/08

Teslin - Permanent

Stock Numbers	SL 2321	8½" x 11"	SL 2323	26" x 20"
	SL 2322	17" x 22"	SL 2324	12" x 18"

Face: 7 mil Teslin SP-700
Adhesive: MP2003 Permanent Acrylic
Liner: Specially processed scored release liner. Back printed in red "Starliner Permanent"

Applications and End Uses

For applications requiring abrasion and moisture resistance. Last up to 6 month in outdoor applications. Applications include drum labels, POP and bumper stickers.

Description

Face 7-mil Teslin SP-700 white synthetic paper is designed for applications combining the appearance of paper with superior moisture and abrasion resistance.

Typical Physical Properties of Face Stock without Adhesive

Tear, grams.	75 MD	TAPPI T-414
Tensile, lbs./in.	11 MD 6 CD	TAPPI T-494
Caliper: inches	0.0071 ± (7.1 mils)	TAPPI T-411

Adhesive MP2003 is an acrylic emulsion with aggressive initial tack and excellent ultimate adhesion to corrugated, glass, fiber drums and various plastic substrates and other common substrates. Patented non-ooze characteristics will provide clean kiss, die, and guillotine cutting.

Typical Physical Properties of Adhesive

Thickness, inches	0.0008 +/- 10%	TAPPI T-411
Peel Adhesion, lbs./in.	3.0	PSTC-2 (30 min. applied)
Temperature Ranges		
Minimum Application	+45°F (7°C)	CTM #45 Curwood
Service Ranges	-65°F to +150°F (-54°C to +66°C)	Polyester Film Dry Surface

Liner A nominal 80# white kraft liner has excellent lay-flat characteristics and internal strength, toughness, tear resistance for kiss cutting.

Typical Physical Properties of Liner

Caliper, inches	0.0042 +/- 10%	TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets)	72 +/- 10%	TAPPI T-410

Total Caliper 0.0125 ± 10% inches (12.5 mils) 255 g/m²

Printing Process Printable by offset-lithography and screen-printing process with ink systems compatible with this product. All inks used on this product should be 100% oxidizing. Avoid all glycol, glycerin and citric acid based fountain solutions. Micron size of anti set-off powders should be 35-50. Stacks in delivery should not exceed 1.5". All over coats such as UV, aqueous and varnish coatings should be tested prior to production run. The liner utilized on this product is guaranteed line copy printable by one color only. It is NOT recommended for process or multiple color heavy coverage printing. UV screen or offset printing may cause the liner to curl. Compatible with HP Indigo presses. Follow printer manufacturer's recommendations for printing pressure sensitive media. A Teflon fuser roll is recommended due to heavy adhesive coat weight. Testing is recommended.

Shelf Life One year when stored at 72° F and 50% R.H.

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